

ABSTRACT OF THE DISCLOSURE

Light emitting molecules and organic light emitting devices comprising such light emitting molecules are described. In one embodiment, a light emitting molecule comprises an anchoring group and a charge transport group having a first end and a second end. The first end of the charge transport group is bonded to the anchoring group. The charge transport group is configured to provide transport of electrical energy, and the transport of electrical energy is substantially one-dimensional. The light emitting molecule also comprises a light emissive group bonded to the second end of the charge transport group and a charge transfer group bonded to the light emissive group.